

NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY, THENI.

Course/Branch : B.E /ECE	Year / Semester :IV/VII	Format No.	NAC/TLP-07a.13
Subject Code :EC 8702	Subject Name :Adhoc Wireless Sensor Networks	Rev. No.	02
Unit No :3	Unit Name : WSN Networking Concepts And Protocols	Date	30.09.2020

OBJECTIVE TYPE QUESTION BANK

S. No.	Objective Questions (MCQ /True or False / Fill up with Choices)	BTL
1	IPSec is designed to provide security at the _____ a) Transport layer b) Network layer c) Application layer d) Session layer	L2
2	In tunnel mode, IPSec protects the _____ a) Entire IP packet b) IP header c) IP payload d) IP trailer	L2
3	Which component is included in IP security? a) Authentication Header (AH) b) Encapsulating Security Payload (ESP) c) Internet key Exchange (IKE) d) All of the mentioned	L4
4	WPA2 is used for security in _____ a) Ethernet b) Bluetooth c) Wi-Fi d) Email	L5
5	An attempt to make a computer resource unavailable to its intended users is called _____ a) Denial-of-service attack b) Virus attack c) Worms attack d) Botnet process	L1
6	Extensible authentication protocol is authentication framework frequently used in _____ a) Wired personal area network b) Wireless networks c) Wired local area network d) Wired metropolitan area network	L2
7	Pretty good privacy (PGP) is used in _____ a) Browser security b) Email security c) FTP security d) WiFi security	L3
8	Which one of the following algorithm is not used in asymmetric-key cryptography? a) rsa algorithm b) diffie-hellman algorithm c) electronic code book algorithm d) dsa algorithm	L5
9	In cryptography, the order of the letters in a message is rearranged by _____	L6

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	<p>a) transpositional ciphers b) substitution ciphers c) both transpositional ciphers and substitution ciphers d) quadratic ciphers</p>	
10	<p>What is data encryption standard (DES)? a) block cipher b) stream cipher c) bit cipher d) byte cipher</p>	L6
11	<p>Cryptanalysis is used _____ a) to find some insecurity in a cryptographic scheme b) to increase the speed c) to encrypt the data d) to make new ciphers</p>	L3
12	<p>Which one of the following is a cryptographic protocol used to secure HTTP connection? a) stream control transmission protocol (SCTP) b) transport layer security (TLS) c) explicit congestion notification (ECN) d) resource reservation protocol</p>	L4
13.	<p>Voice privacy in GSM cellular telephone protocol is provided by _____ a) A5/2 cipher b) b5/4 cipher c) b5/6 cipher d) b5/8 cipher</p>	L4
14	<p>ElGamal encryption system is _____ a) symmetric key encryption algorithm b) asymmetric key encryption algorithm c) not an encryption algorithm d) block cipher method</p>	L2
15.	<p>Cryptographic hash function takes an arbitrary block of data and returns _____ a) fixed size bit string b) variable size bit string c) both fixed size bit string and variable size bit string d) variable sized byte string</p>	L1
16.	<p>The Cookie manipulation is done using which property? a) cookie b) cookies c) manipulate d) manipulate cookie</p>	L3
17.	<p>What is the access point (AP) in a wireless LAN? a) device that allows wireless devices to connect to a wired network b) wireless devices itself</p>	L5

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	c) both device that allows wireless devices to connect to a wired network and wireless devices itself d) all the nodes in the network	
18.	In wireless ad-hoc network _____ a) access point is not required b) access point is must c) nodes are not required d) all nodes are access points	L3
19.	Which multiple access technique is used by IEEE 802.11 standard for wireless LAN? a) CDMA b) CSMA/CA c) ALOHA d) CSMA/CD	L3
20.	In wireless distribution system _____ a) multiple access point are inter-connected with each other b) there is no access point c) only one access point exists d) access points are not required	L4
21.	A wireless network interface controller can work in _____ a) infrastructure mode b) ad-hoc mode c) both infrastructure mode and ad-hoc mode d) WDS mode	L2
22.	In wireless network an extended service set is a set of _____ a) connected basic service sets b) all stations c) all access points d) connected access points	L5
23	Mostly _____ is used in wireless LAN. a) time division multiplexing b) orthogonal frequency division multiplexing c) space division multiplexing d) channel division multiplexing	L5
24	What is Wired Equivalent Privacy (WEP)? a) security algorithm for ethernet b) security algorithm for wireless networks c) security algorithm for usb communication d) security algorithm for emails	L2
25	What is WPA? a) wi-fi protected access b) wired protected access c) wired process access	L1

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	d) wi-fi process access	
26	To join the internet, the computer has to be connected to a _____ a) internet architecture board b) internet society c) internet service provider d) different computer	L4
27	Internet access by transmitting digital data over the wires of a local telephone network is provided by _____ a) leased line b) digital subscriber line c) digital signal line d) digital leased line	L1
28	ISP exchanges internet traffic between their networks by _____ a) internet exchange point b) subscriber end point c) isp end point d) internet end point	L2
29	Which of the following protocols is used in the internet? a) HTTP b) DHCP c) DNS d) DNS, HTTP and DNS	L3
30	The size of an IP address in IPv6 is _____ a) 32 bits b) 64 bits c) 128 bits d) 265 bits	L4